

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

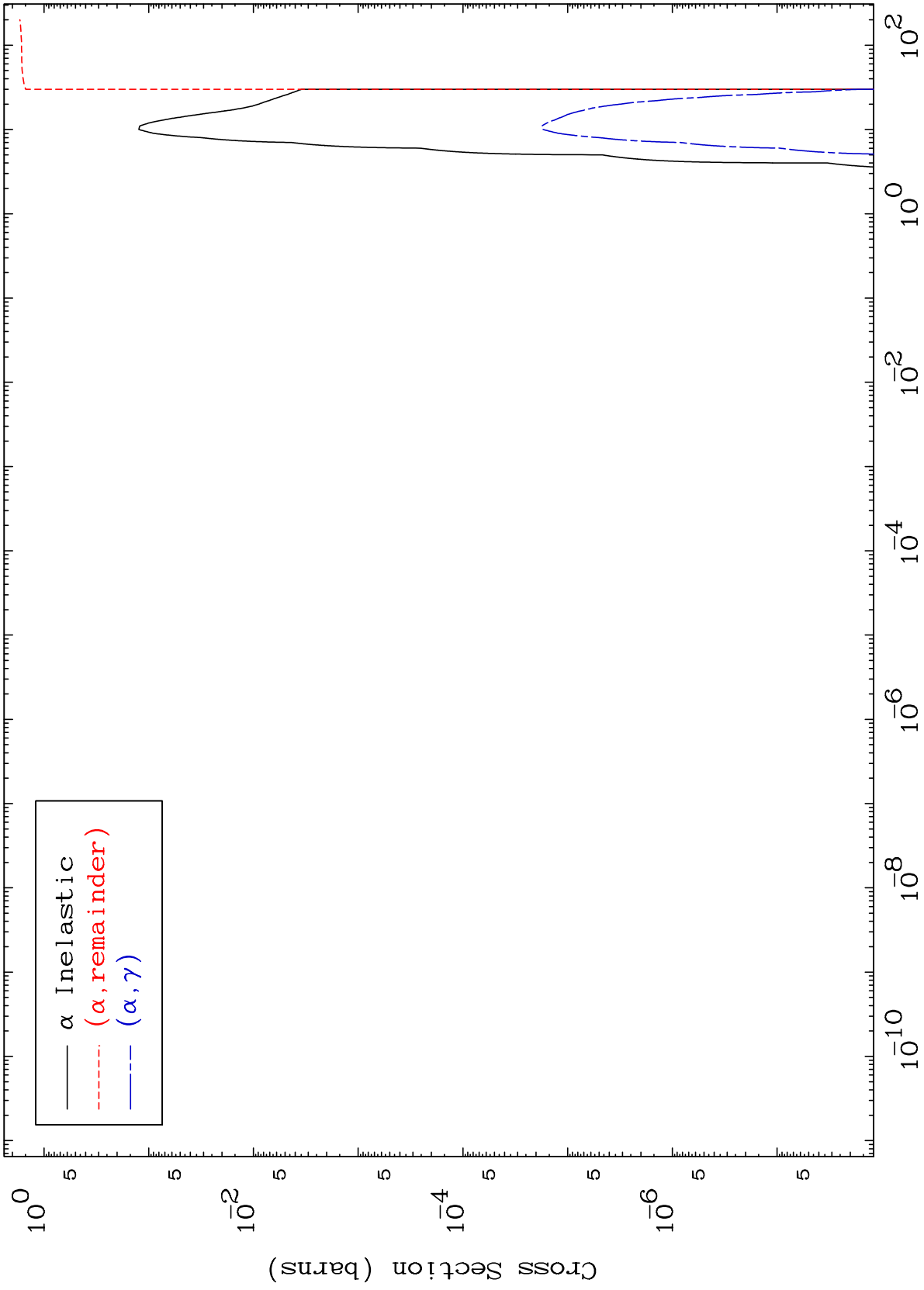
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2855

0 Kelvin α Major
Cross Sections

28-Ni-68

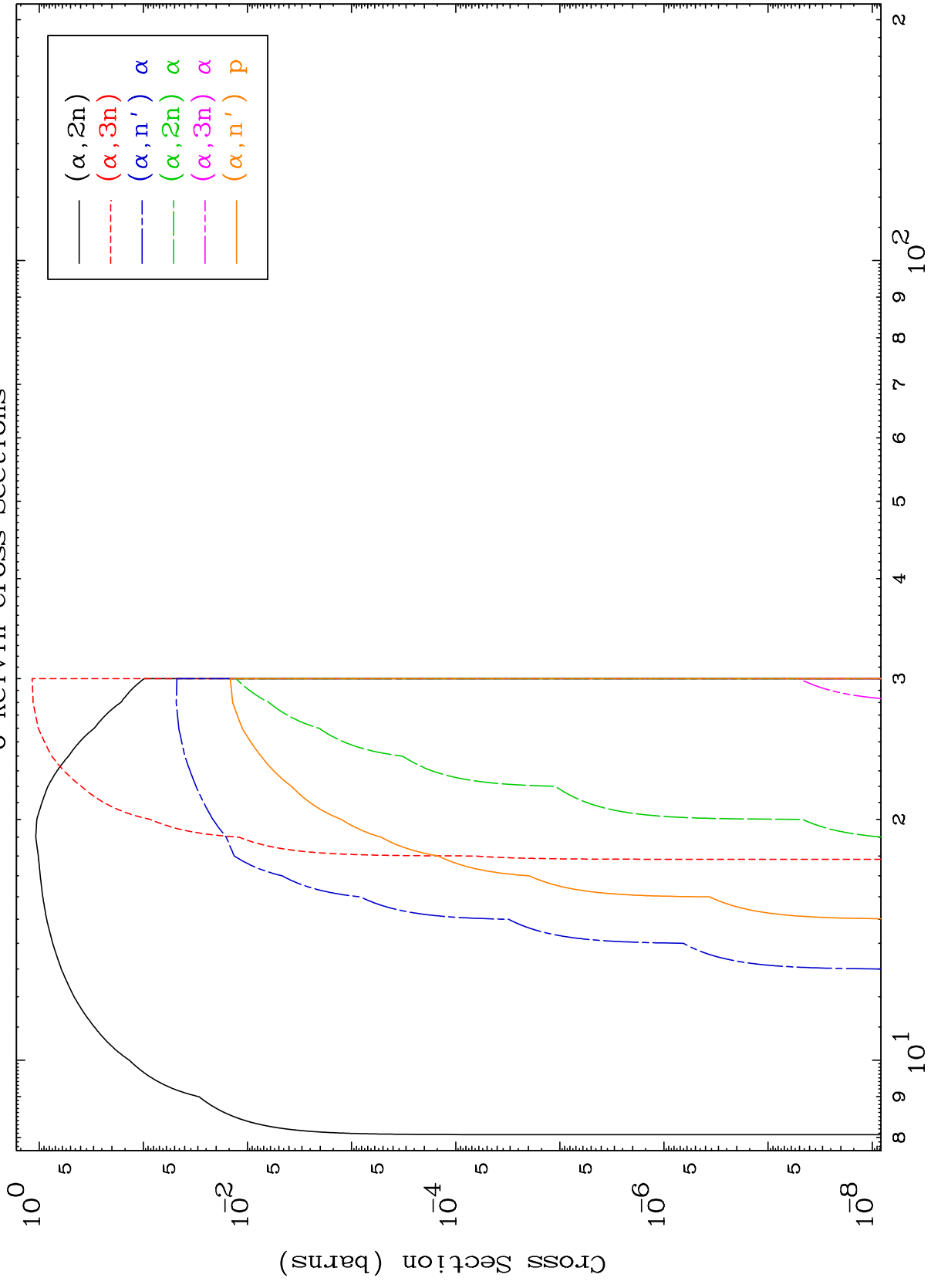


28-Ni-68

MAT 2855

α Neutron Production
0 Kelvin Cross Sections

28-Ni-68



2

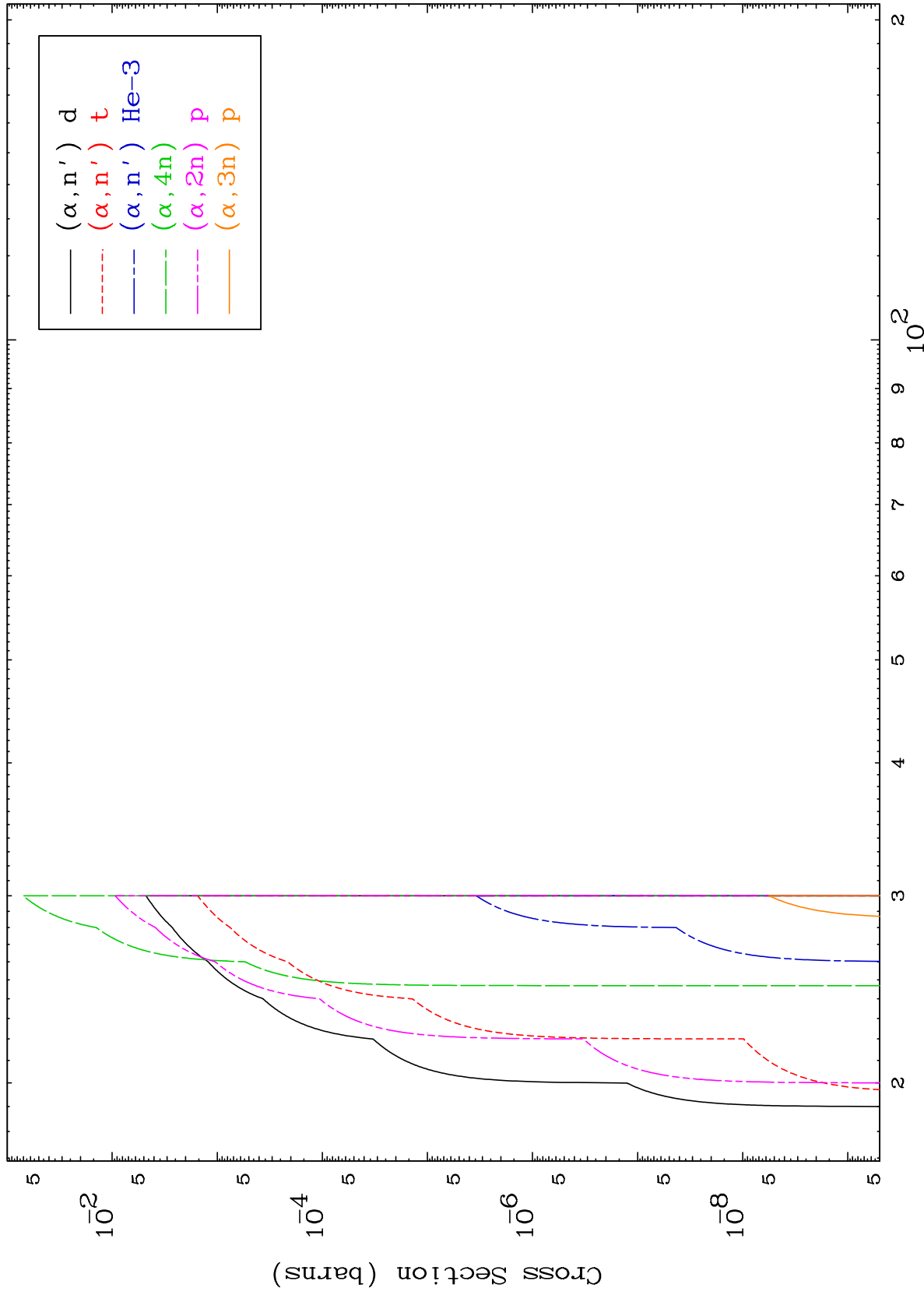
Incident Energy (MeV)

28-Ni-68

MAT 2855

α Neutron Production
0 Kelvin Cross Sections

28-Ni-68



3

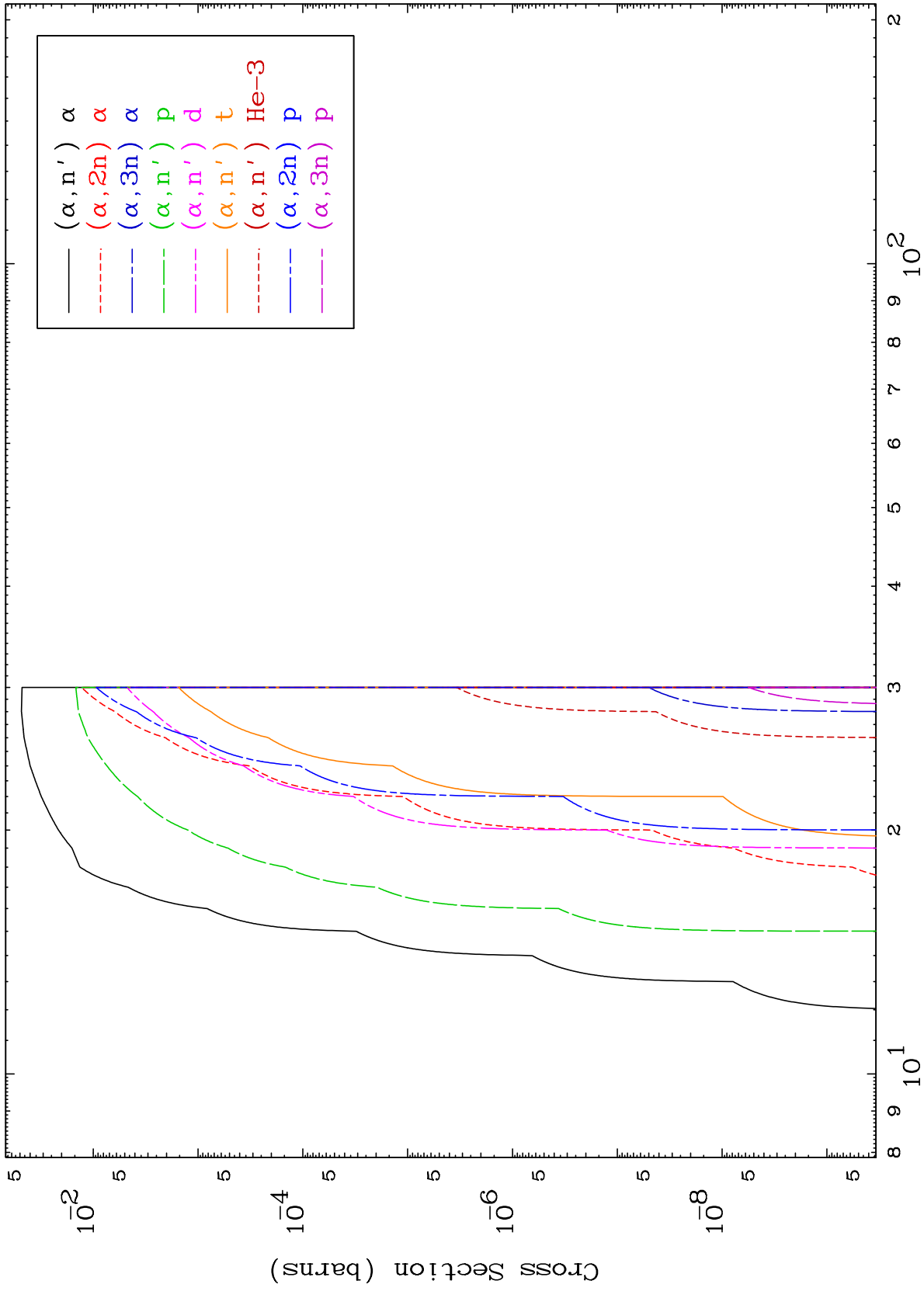
Incident Energy (MeV)

28-Ni-68

MAT 2855

α Charged Particle
0 Kelvin Cross Sections

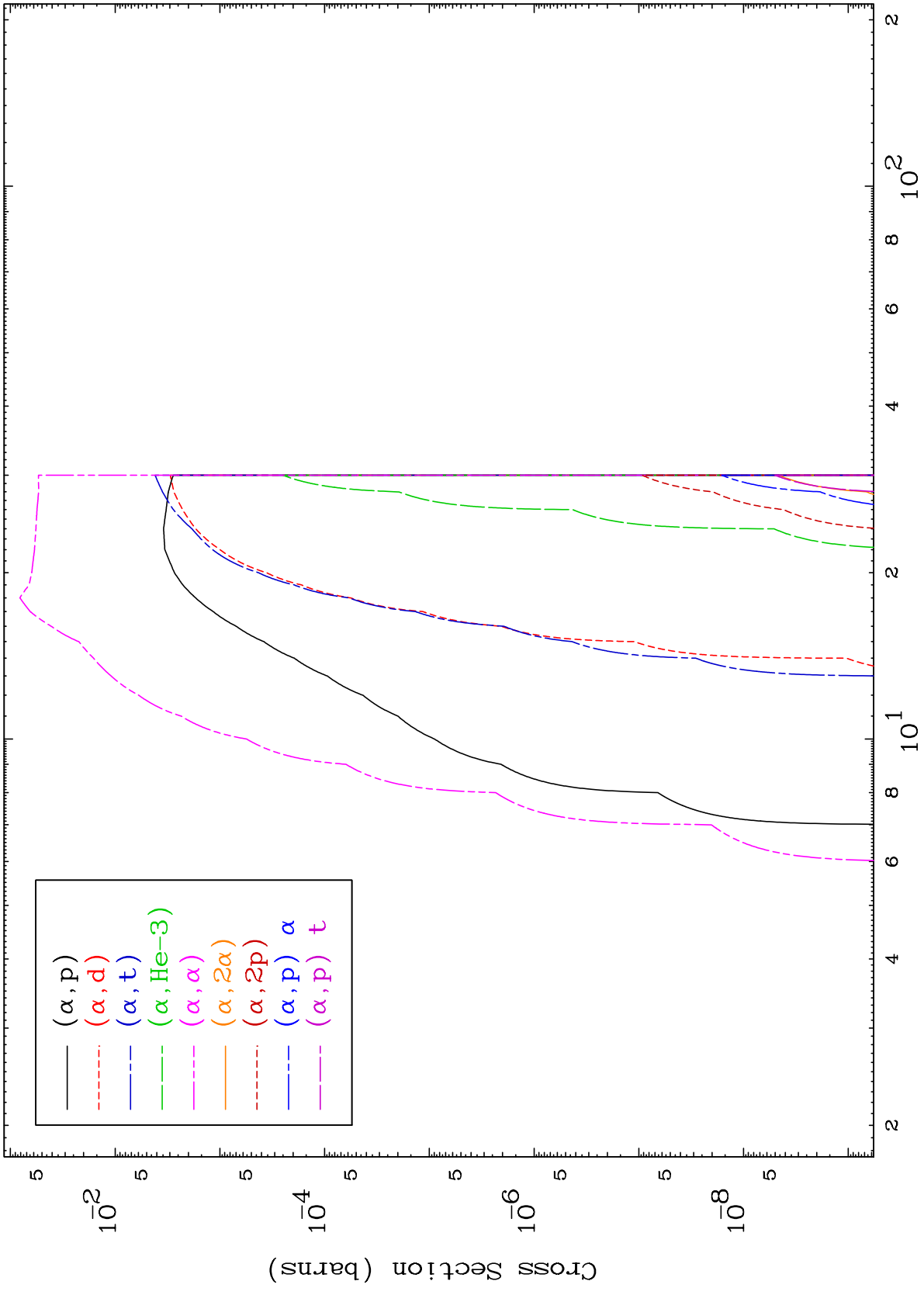
28-Ni-68



4

Incident Energy (MeV)

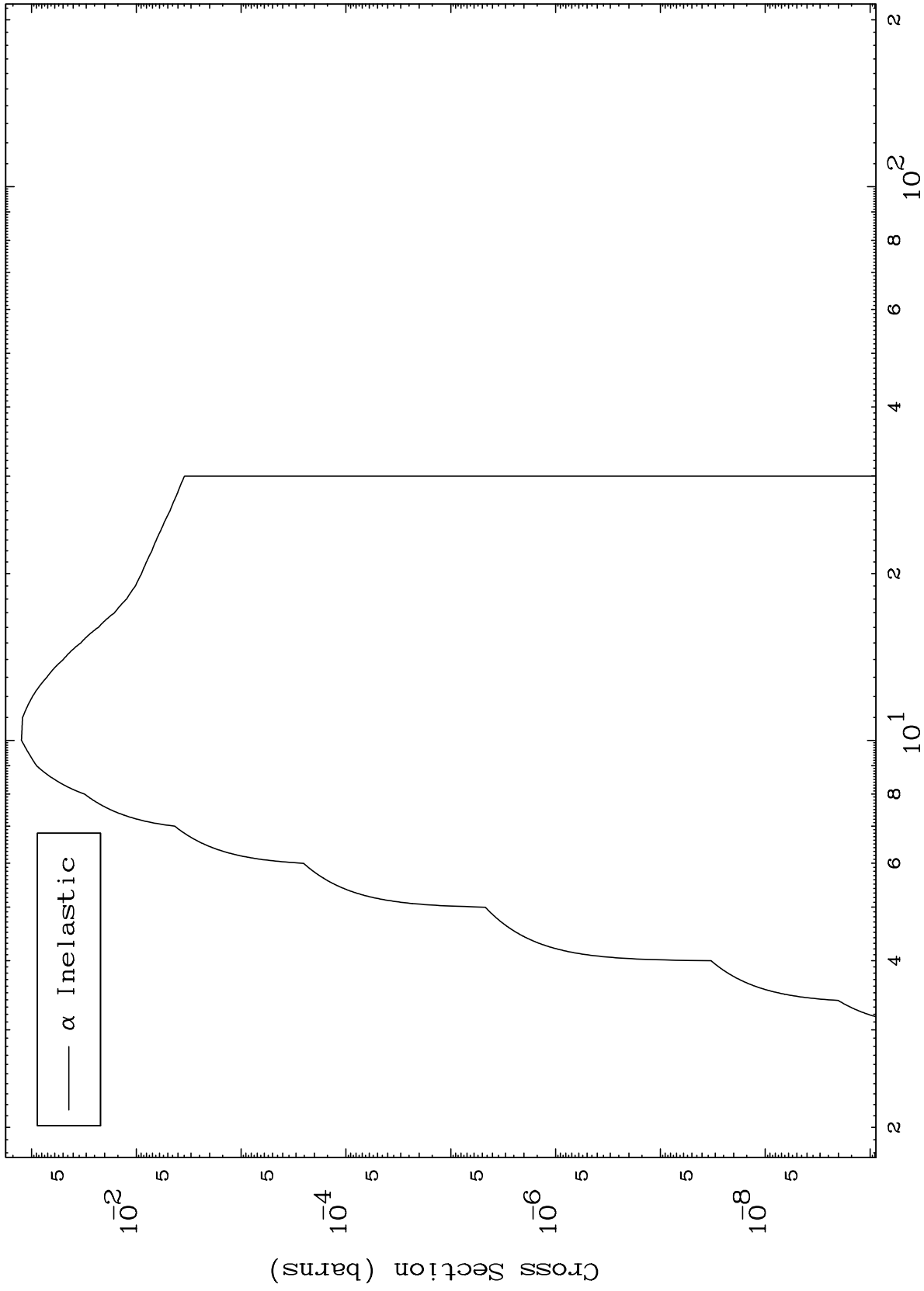
28-Ni-68



MAT 2855

(α, n') Level
0 Kelvin Cross Sections

28-Ni-68



6

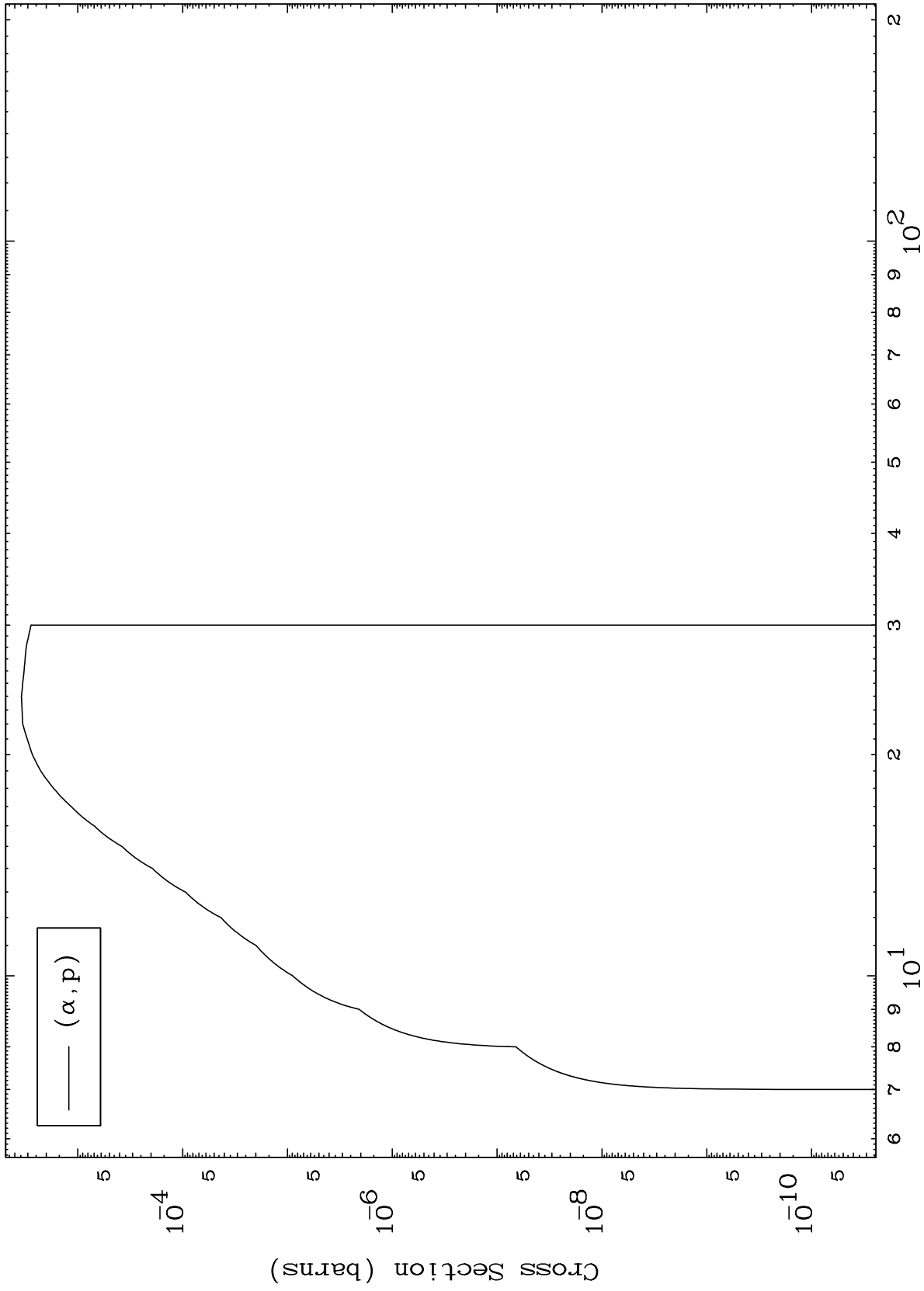
Incident Energy (MeV)

28-Ni-68

MAT 2855

(α, p) Levels
0 Kelvin Cross Sections

28-Ni-68



7

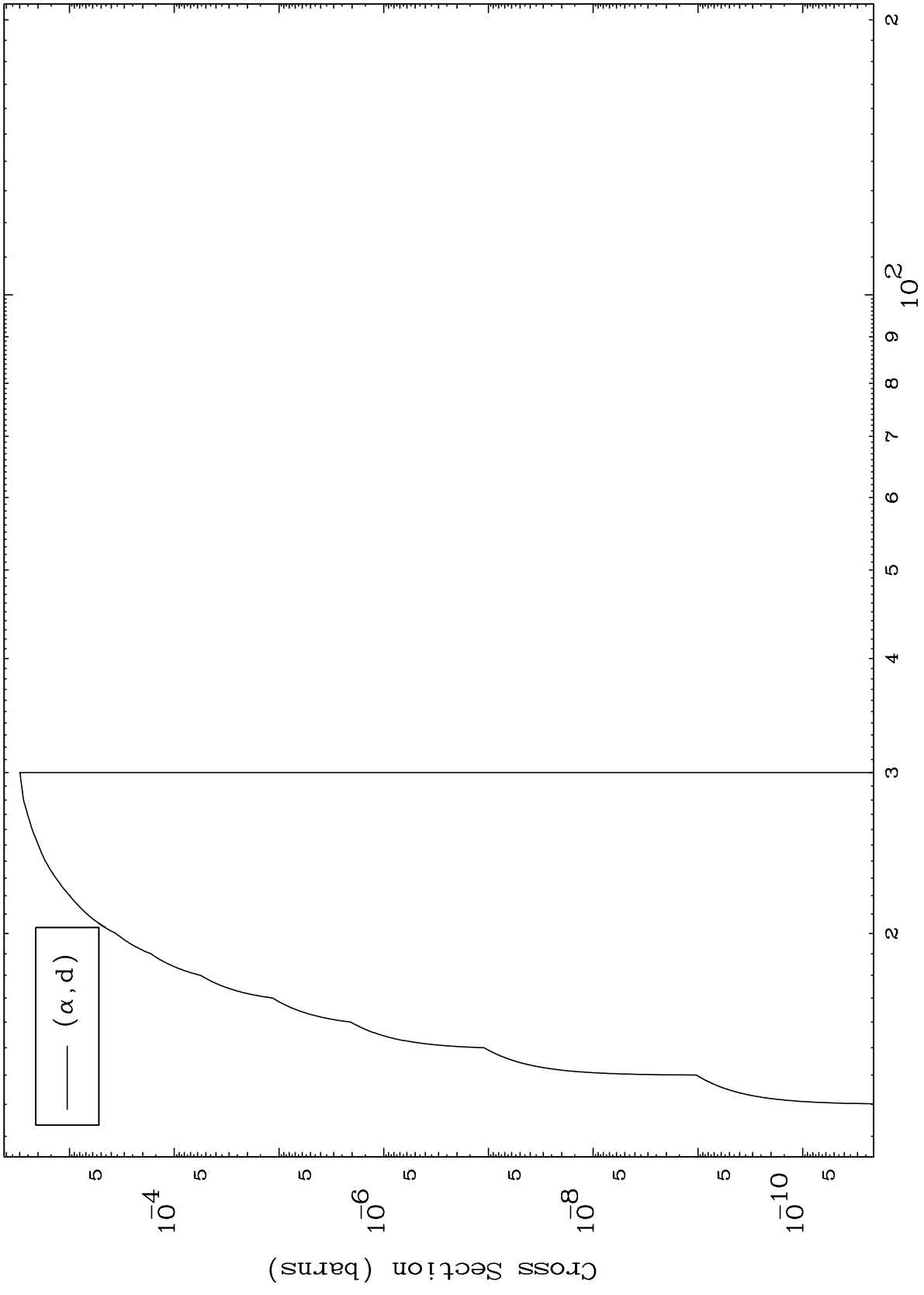
Incident Energy (MeV)

28-Ni-68

MAT 2855

(α, d) Levels
0 Kelvin Cross Sections

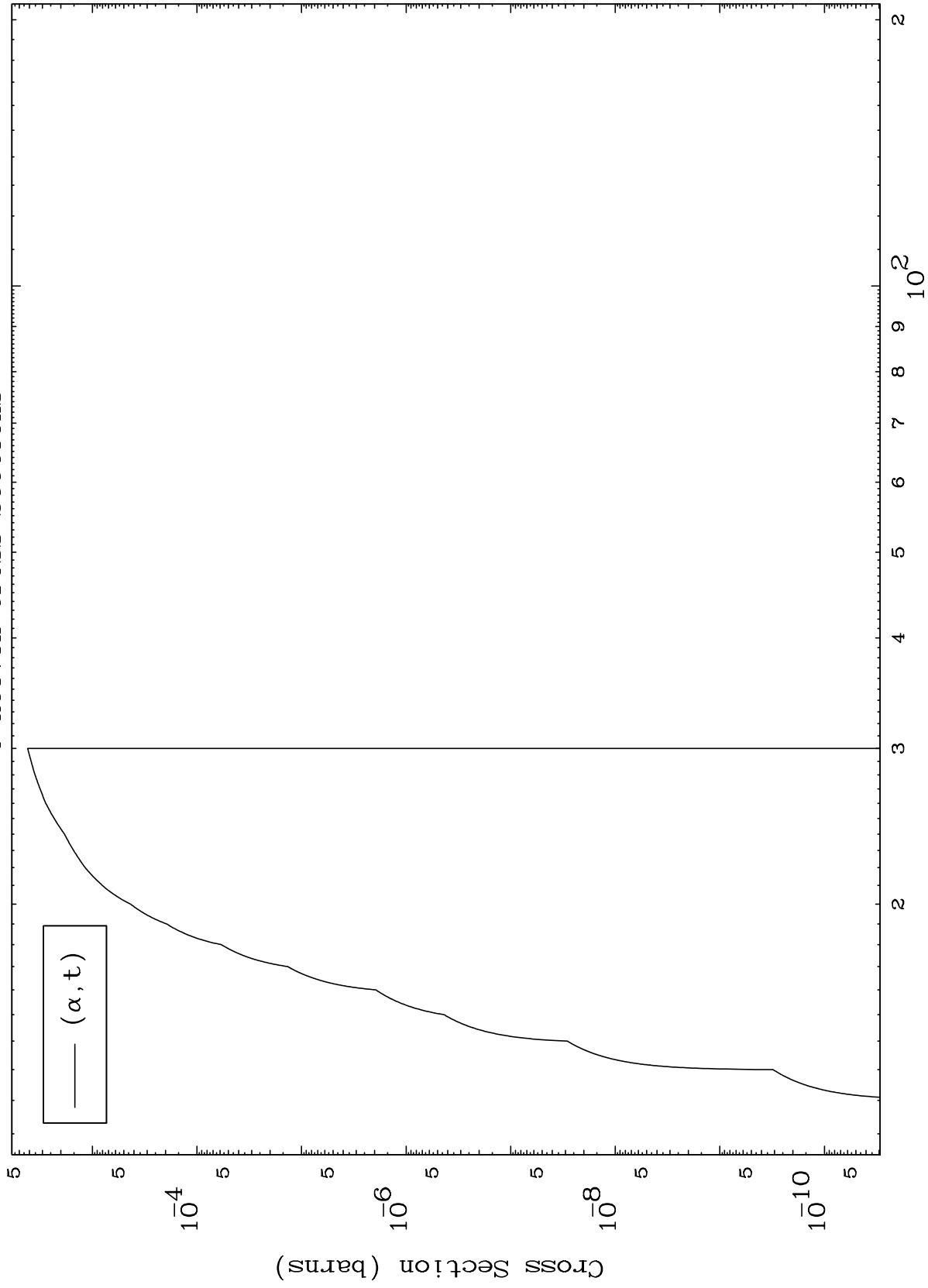
28-Ni-68



8

Incident Energy (MeV)

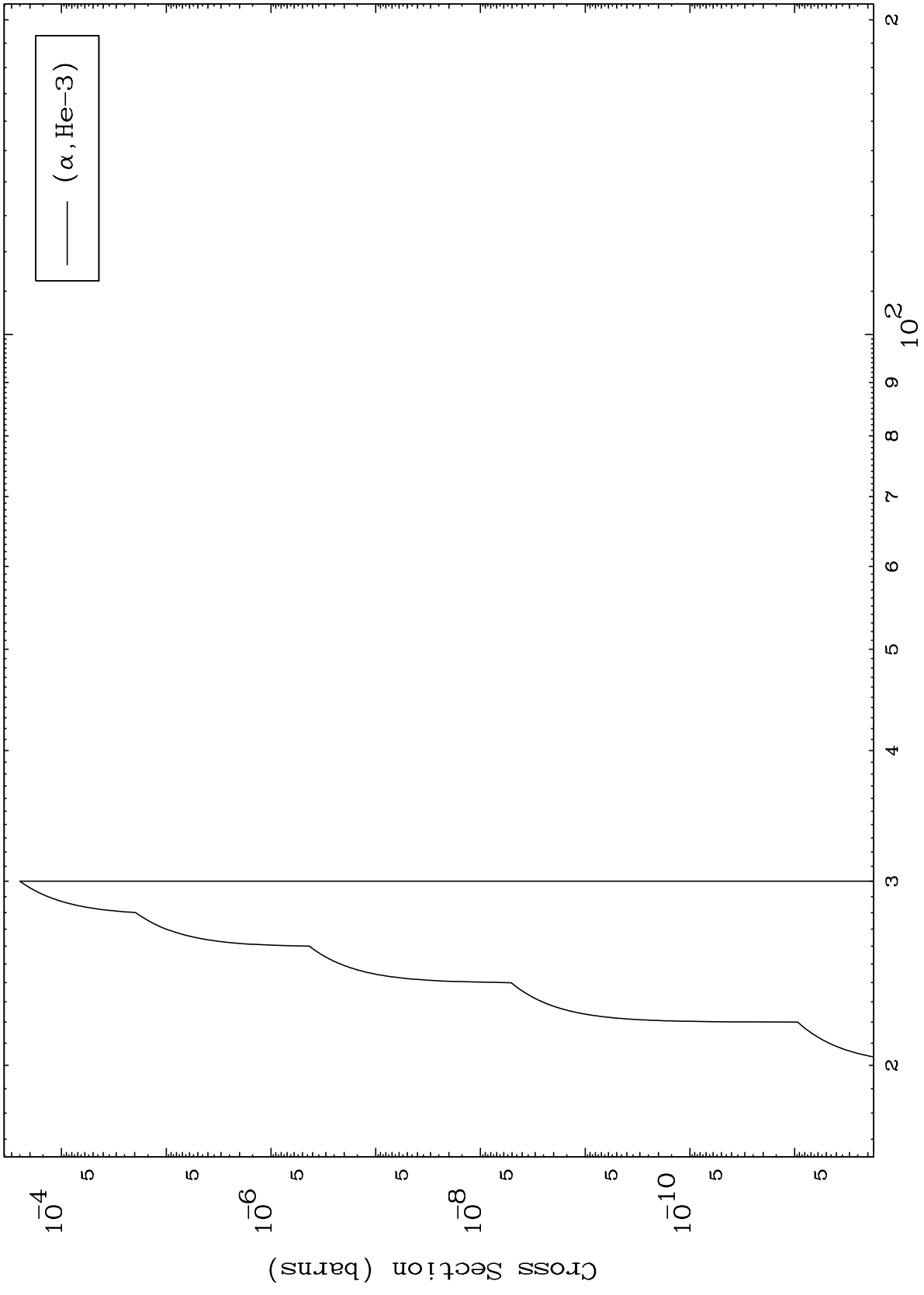
28-Ni-68



MAT 2855

(α ,He3) Levels
0 Kelvin Cross Sections

28-Ni-68



10

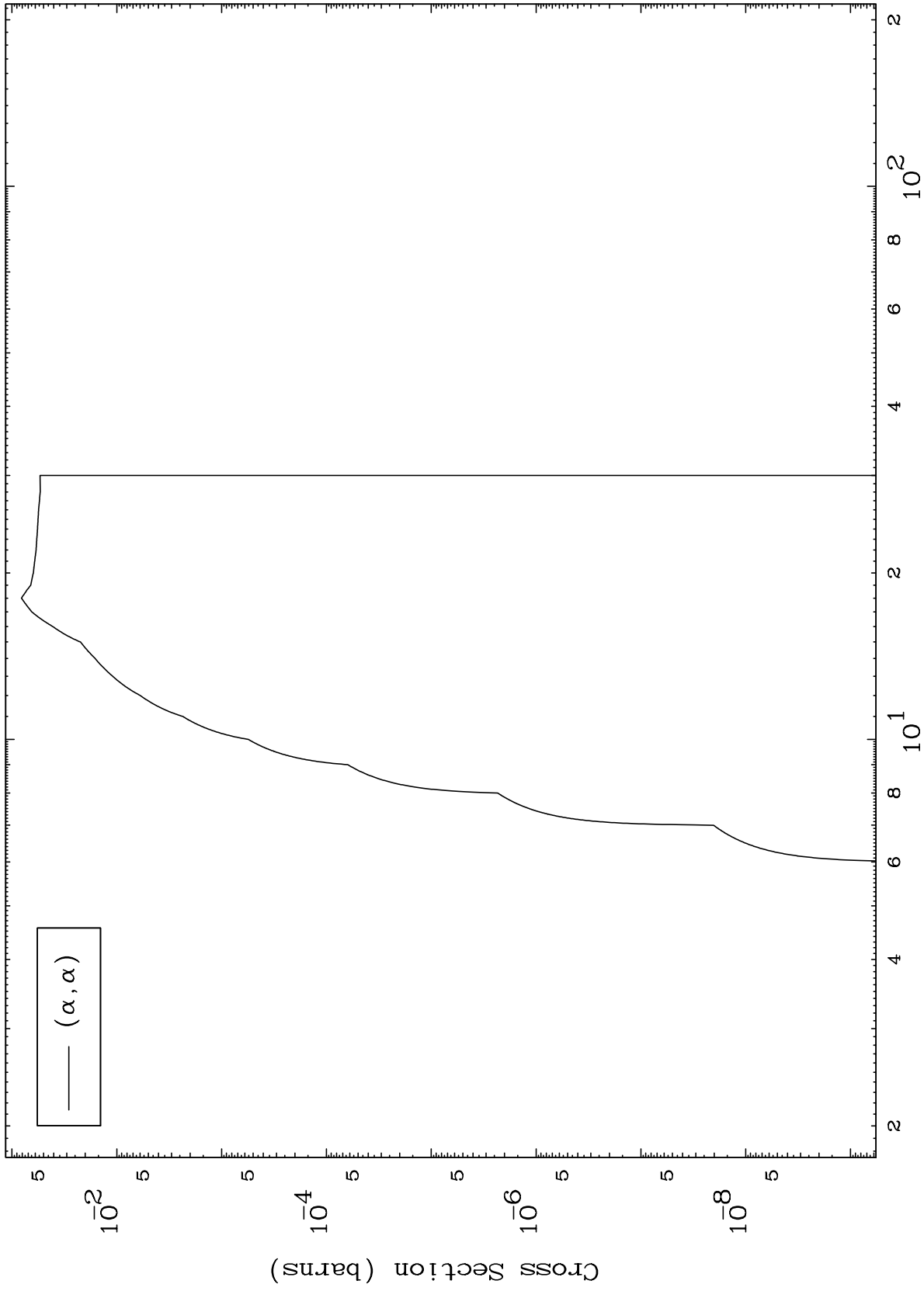
Incident Energy (MeV)

28-Ni-68

MAT 2855

(α, α) Levels
0 Kelvin Cross Sections

28-Ni-68



11

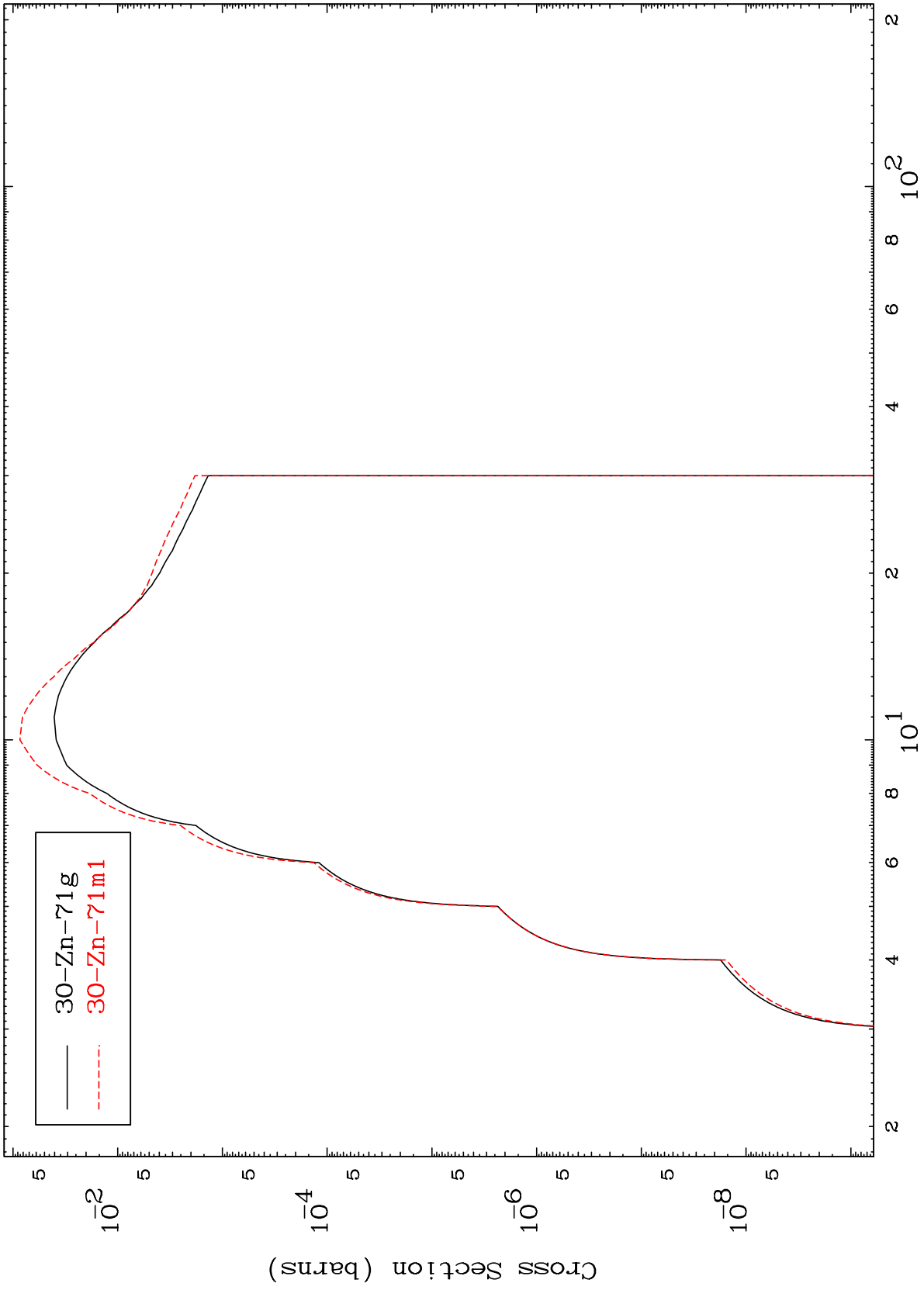
Incident Energy (MeV)

28-Ni-68

MAT 2855

28-Ni-68

Radionuclide Production Cross Section
 α Inelastic



12

Incident Energy (MeV)

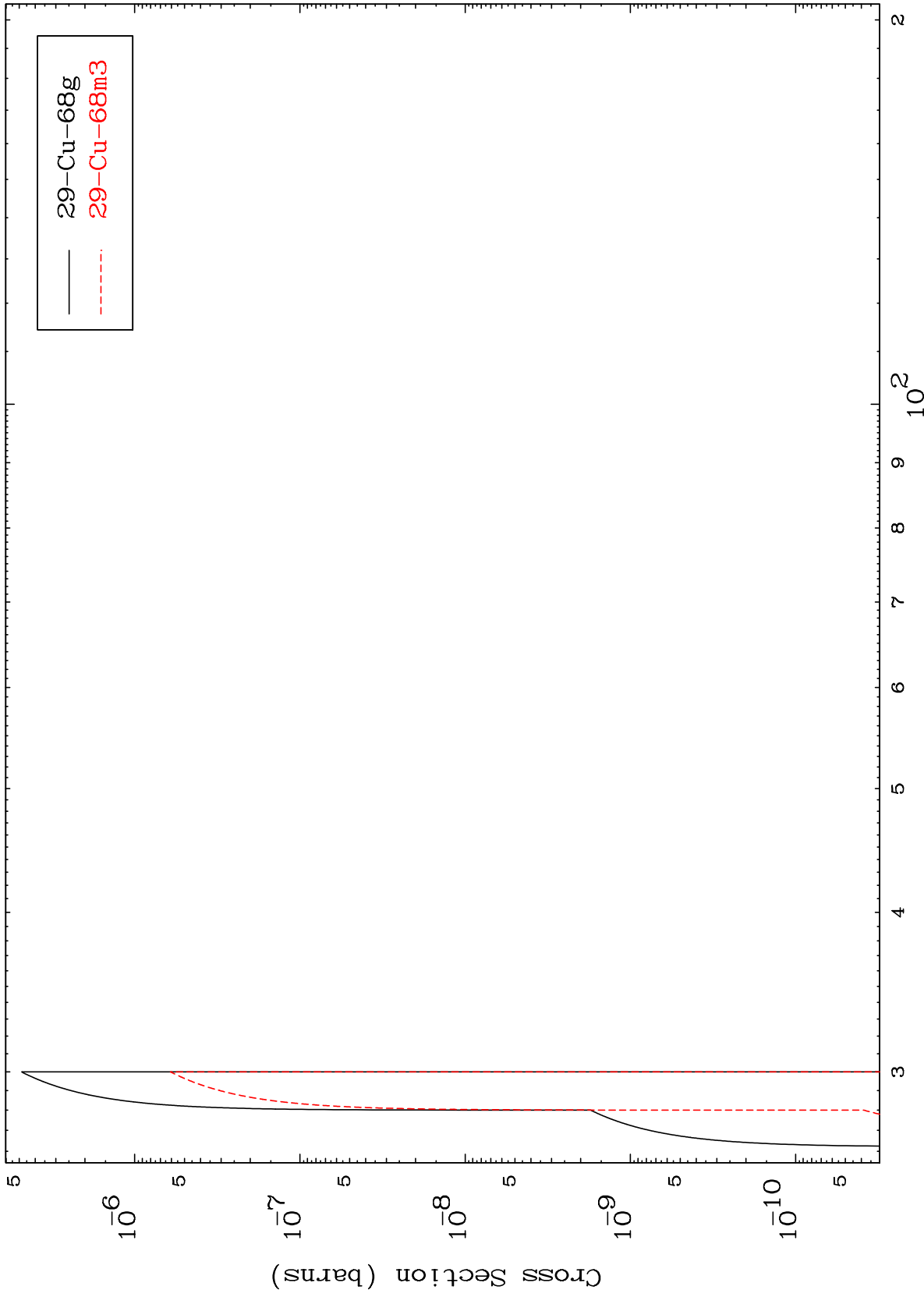
28-Ni-68

MAT 2855

($\alpha, 2n$) d

²⁸Ni-68

Radionuclide Production Cross Section



13

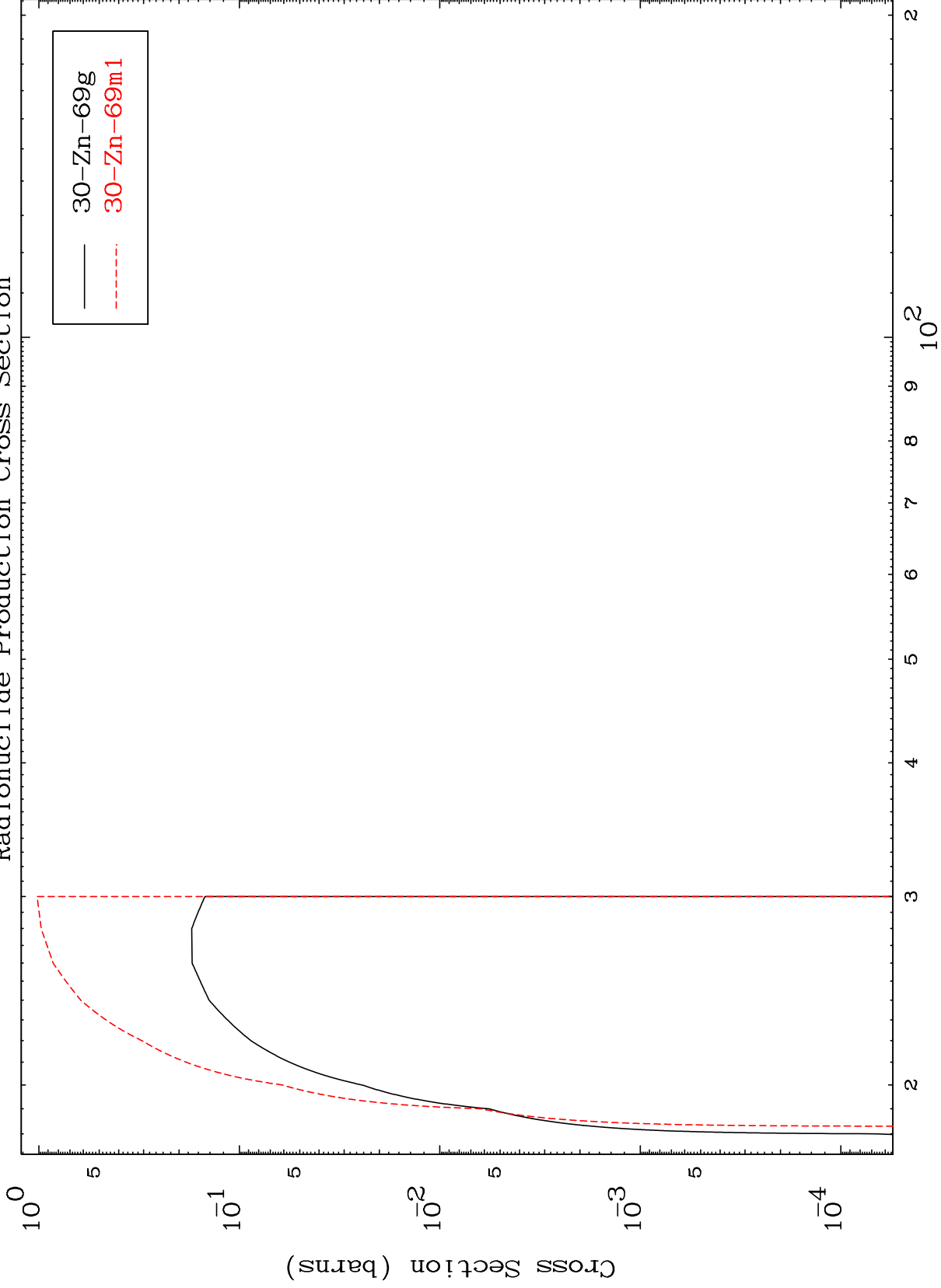
Incident Energy (MeV)

²⁸Ni-68

MAT 2855

28-Ni-68

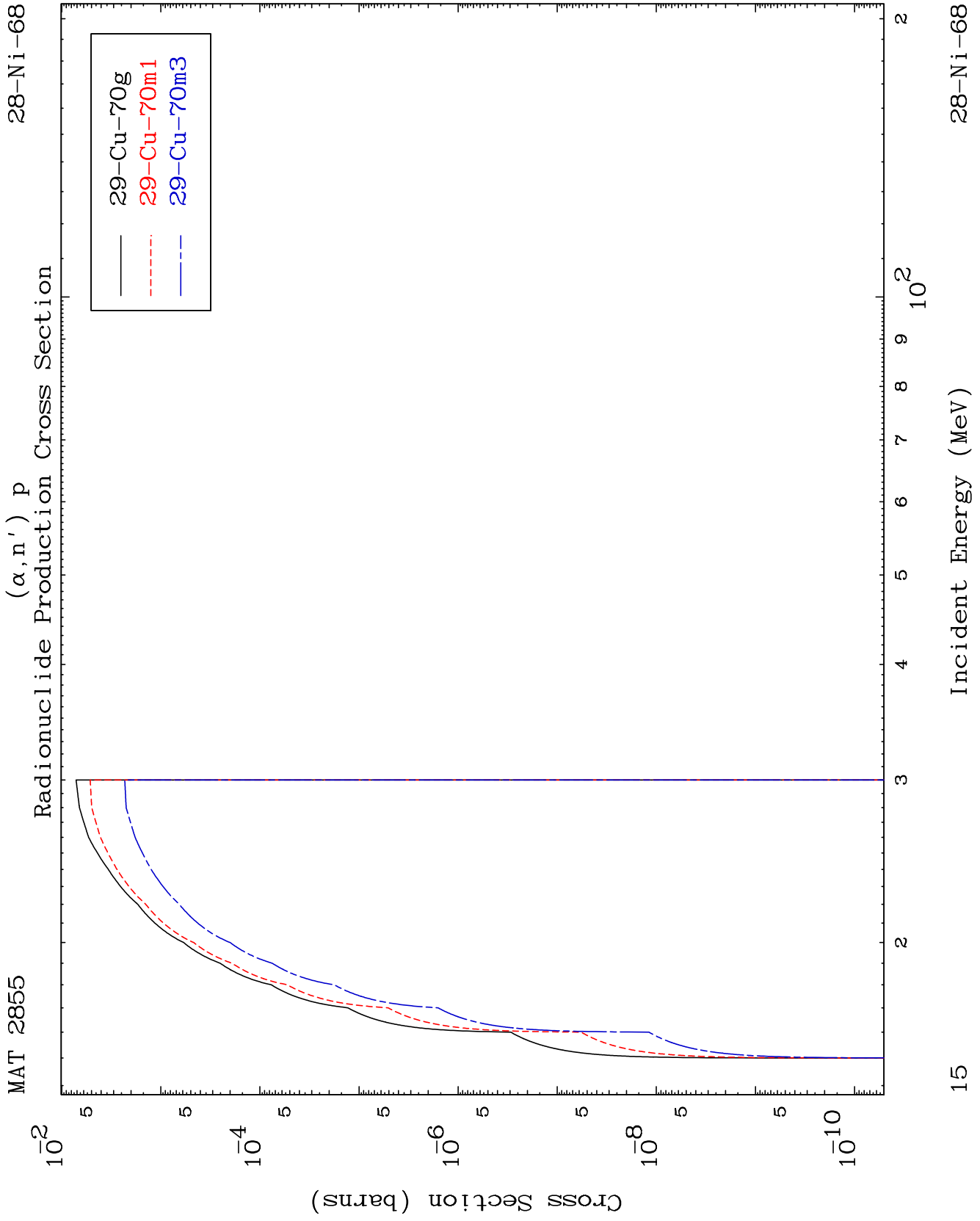
($\alpha, 3n$)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

28-Ni-68

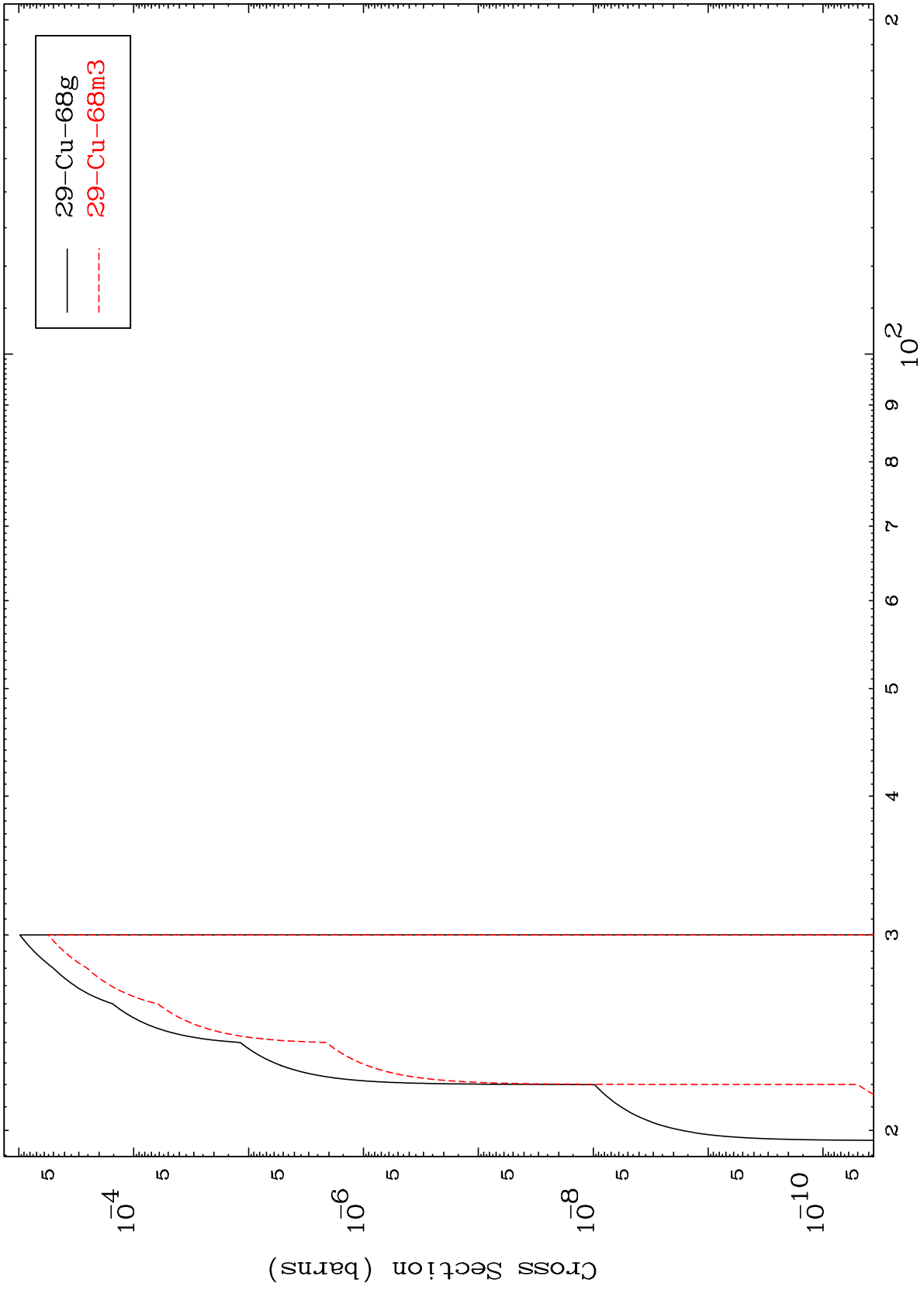


MAT 2855

(α, n') t

28-Ni-68

Radionuclide Production Cross Section



16

Incident Energy (MeV)

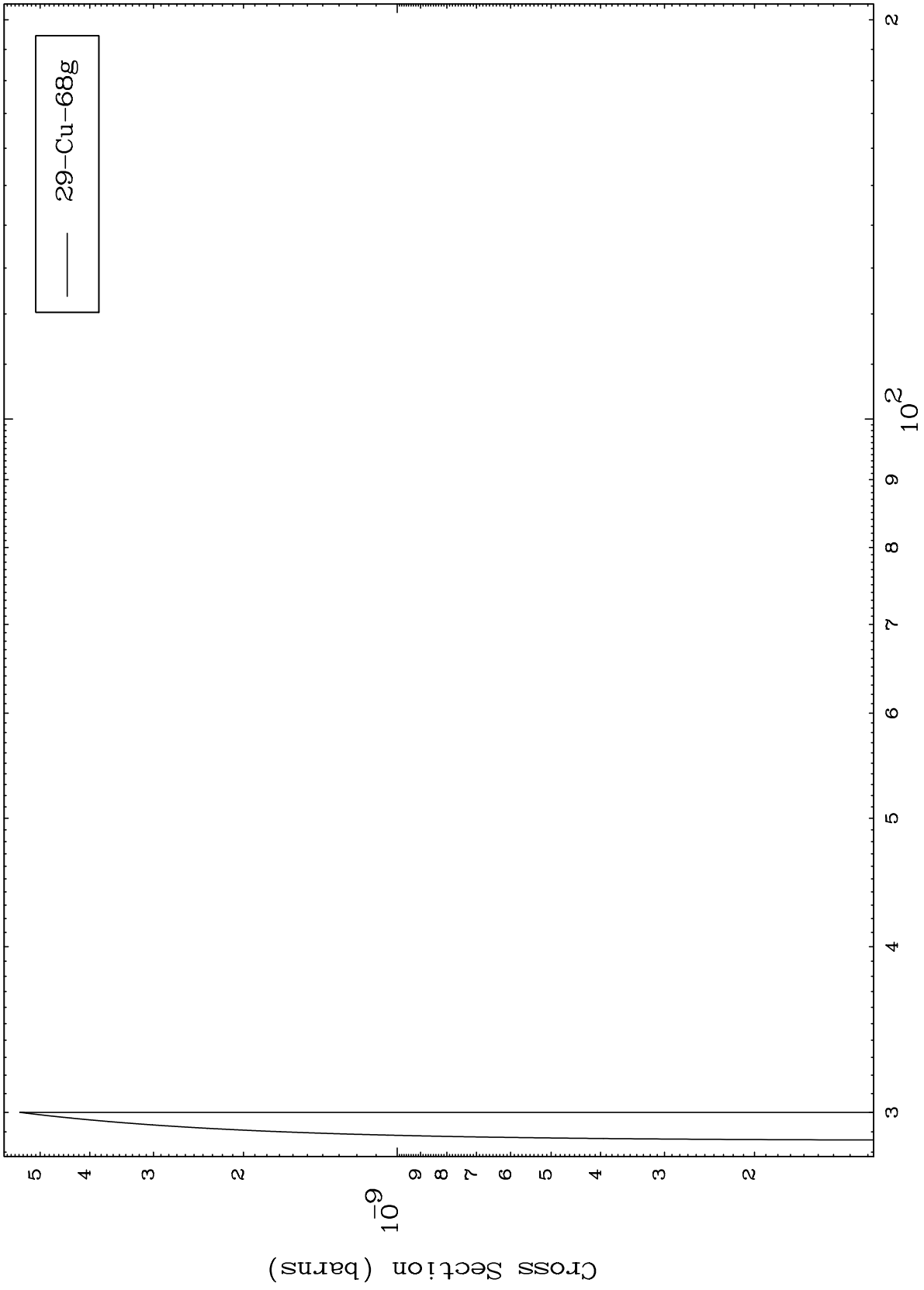
28-Ni-68

MAT 2855

($\alpha, 3n$) p

²⁸Ni-68

Radionuclide Production Cross Section



17

Incident Energy (MeV)

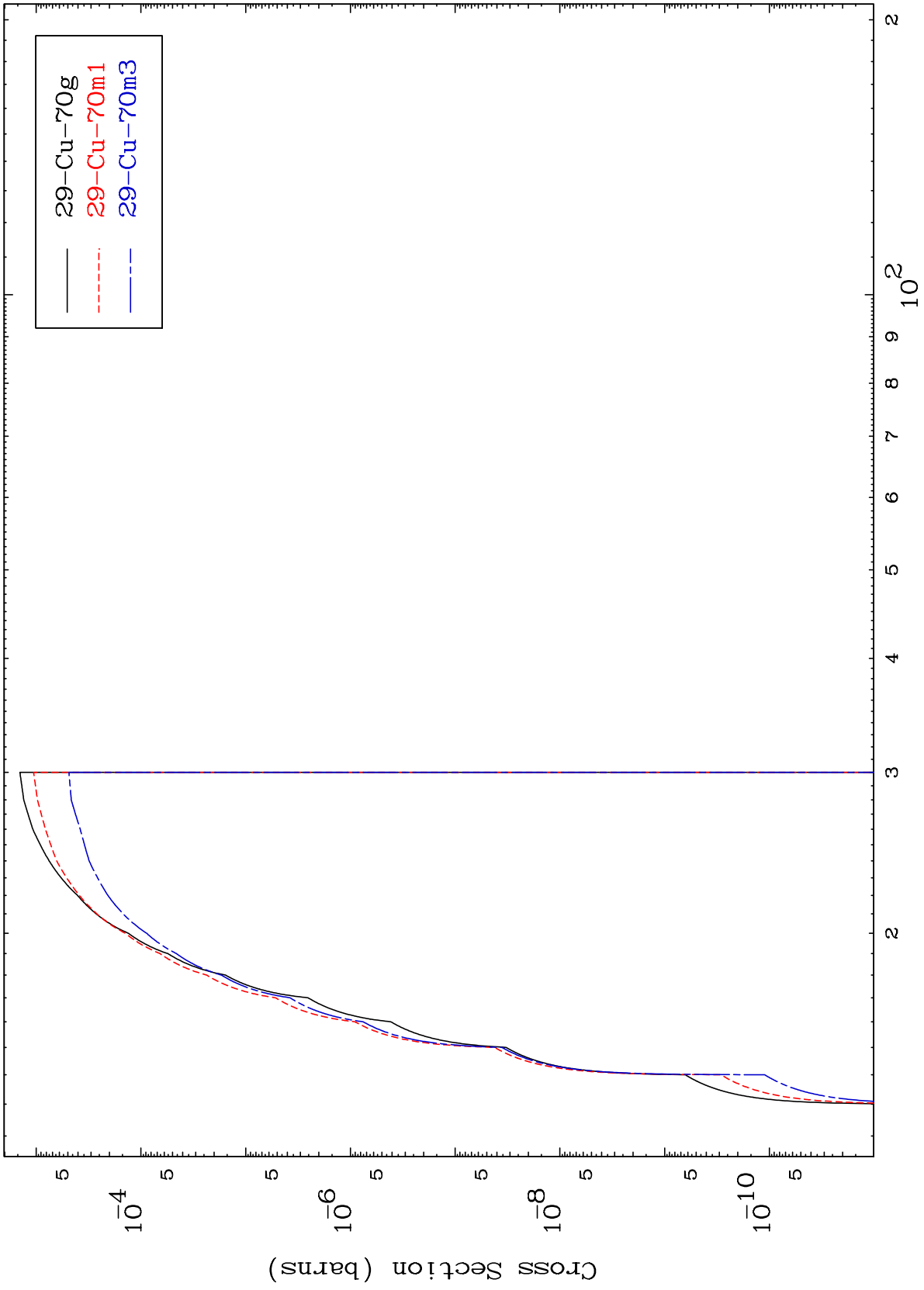
²⁸Ni-68

MAT 2855

(α, d)

28-Ni-68

Radionuclide Production Cross Section



18

Incident Energy (MeV)

28-Ni-68